

CLAIMS

SUB A
B₄

1. A paste pattern forming method wherein a drawing pattern is formed on a paste-applied body with a linearly drawn paste line.

2. A paste pattern forming method according to Claim 1, wherein said drawing pattern is linearly drawn with a paste on said paste-applied body by using a nozzle, the paste, a paste reserving container, and paste supply means.

B₄

09630582-330201

3. A paste pattern forming method according to Claim 1 or 2, wherein said paste is continuously discharged from said nozzle while the paste line is being drawn.

SUB A
B₅

4. A paste pattern forming method according to Claim 2 or 3, wherein the paste line is drawn while moving any of said paste-applied body, said nozzle and said paste.

5. A paste pattern forming method according to any one of Claims 1 to 4, wherein said paste-applied body is a lead frame, and said paste is an adhesive for die bonding.

SUB B
B₅

6. A paste pattern forming method according to any one of Claims 1 to 5, wherein said drawing pattern is a figure made up of a plurality of segment lines.

7. A paste pattern forming method according to Claim 6, wherein said drawing pattern is a figure in the radial form.

SUB A
A₆

8. A paste pattern forming method according to any one of Claims 1 to 6, wherein said drawing pattern is a figure including an enclosed shape.

SUB A
A₆

9. A paste pattern forming method according to any one of Claims 6 to 8, wherein at least one segment line is formed of two drawn lines.

10. A paste pattern forming method according to Claim 9, wherein at least one segment line is formed while moving any of said paste-applied body, said nozzle and said paste to go and return.

11. A paste pattern forming method according to any one of Claims 1 to 10, wherein said drawing pattern is formed such that the total number of start and end points of drawn lines is not larger than the number of segment lines.

12. A paste pattern forming method according to any one of Claims 1 to 11, wherein said drawing pattern is formed such that the start and end points of drawn lines are positioned other than the ends of said drawing pattern.

13. A paste pattern forming method according to any one of Claims 1 to 12, wherein said drawing pattern is formed with a minimum number of points at which the drawn lines are returned in a drawing process.

SUB
B₆ A₇

SUB
A₇

009330582-080201

ADD
B₇